

## **NCIF COMPUTER ROOM**

### **Dimensions**

The NCIF Computer Room (room # 215) is 18' 3" long by 17' 3" wide by 8' 0" high. The Computer Room door is 34  $\frac{3}{4}$ " wide by 83" high. It is the smallest door between the front door (there is no "loading dock") and the computer room.

### **Main Air Conditioning System**

The main air conditioning system is a Liebert Challenger 2, Model CU43-A-A-00; which provides heating, cooling, dehumidification, and humidification.

### **Backup Air Conditioning System**

The backup air conditioning system is a Carrier, Model 40 A 2024300 BB; which is located in the ceiling, and it has its own thermostat.

### **Uninterruptible Power Supply (UPS)**

The UPS is a Deltec, Model 8206 A-1, which functions as a battery backup should the central power supply fail. It features a UPS Bypass Switch, which transfers all electronic equipment to the backup system during a power failure, long enough to provide for a graceful shutdown to be performed. The UPS currently uses approximately 25-30% of its capacity.

The UPS was purchased in 1993. The batteries have an estimated life span of five years and may need maintenance next year. There are approximately 40 batteries in the UPS, each costing – on average -- \$135 to \$195 for material, installation and disposal.

### **Fire Suppression Specifications**

The Computer Room is equipped with four sprinklers, all automatic and recessed. In addition, the room is constructed with 60-minute firewalls containing steel stud and channel framing slab-to-slab, with one layer of gypsum board in each wall.

### **Security**

Access to the Computer Room is through a single door. A cipher lock on that door secures the room. Only staff authorized access – i.e., the Computer Manager and staff – have the security code to the cipher lock.

### **Application Server Specifications**

The operating system is Windows NT 4.0.

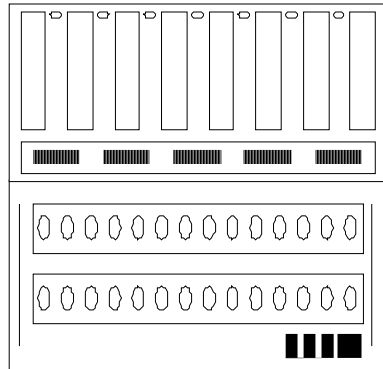
The Mail Room and Nationwide Databases on the server are Oracle 7 applications. The Application Server runs Oracle 7 version 7.3.2.31



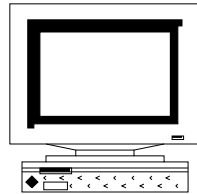
# NCIF COMPUTER ROOM DIMENSIONS/LAYOUT

Length 18'3" x Width 17'3" x Height 8'0"

Layout is representative; scale is approximate



Hub Network Ethernet Series  
4000 Bridge 8835 Fiber Optic  
T1 Line MUX



IBM Terminal Console

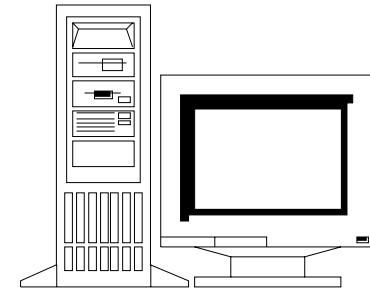
Main  
A/C System

Liebert Challenger 2  
Model CU43-AA00

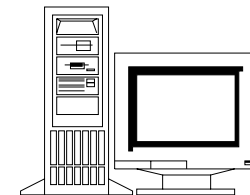
UPS

UPS

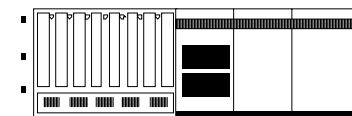
Deltec Model 82068-A1



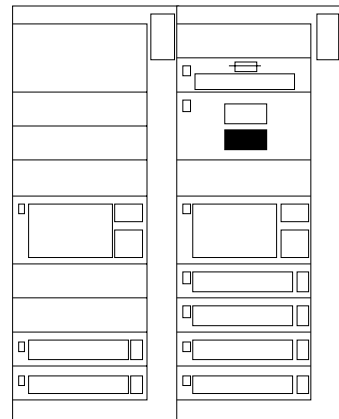
Application Server:  
Mail Room Data Base &  
Nationwide Data Base on Oracle 7  
Dell Power Edge 2100 on NT 4.0



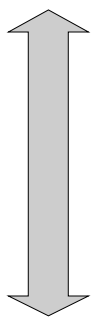
Novell 3.11 Print Server



ISOETEC Telephone System 66



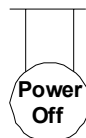
IBM System/36 (COLLECTOR)



Width  
17' 3"



Length 18' 3"



Emergency

CO2 Fire  
Extinguisher

Main Door  
Cipher Lock  
Length 6' 10"  
Width 3'